The York® VRF system uses progressive, state-of-the-art technology to redefine your comfort zone. Backed by service, expertise, and unparalleled efficiency, it's creating business climates that are not only comfortable, but cost effective.

WHAT IS VRF?

Get to know Variable Refrigerant Flow.

While other HVAC systems operate on a more rigid full-on or full-off schedule, VRF systems deliver refrigerant at variable rates and exact amounts to spaces that need it, meeting the heating and cooling needs of everyone in the building with increased precision and efficiency.

HOW DOES VRF WORK?

Efficiency through technology.

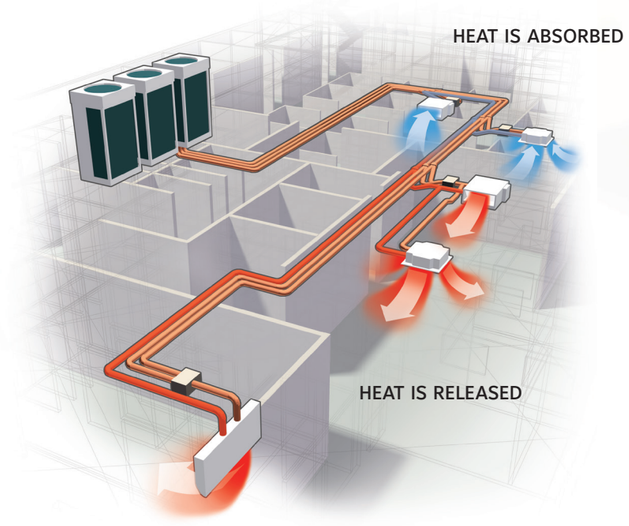
The York VRF system utilizes state-of-the-art inverter technology to modulate the voltage and frequency of the power supplied to the compressors. The result is precise capacity control over a wide range of cooling and heating loads with unparalleled efficiency.

York has two types of VRF systems: a 2-pipe system which works as a heat pump, able to heat or cool, and a 3-pipe system which acts as a heat recovery system, heating and cooling simultaneously.

WHY YORK VRF?

Fluid dynamics meet simple economics.

The York VRF system uses an orbiting scroll finely tuned to maximize the compression process, improving intermediate pressure performance and ultimately operating with greater efficiency than other VRF systems and conventional HVAC units.



In a heat recovery Variable Refrigerant Flow system, heat can be drawn from the zones to be cooled and transferred to the zones to be warmed providing higher efficiencies and energy savings.

Benefits for your building and your budget.

EFFICIENCY
Buildings rarely require 100 percent capacity of their HVAC systems. While intuitively adjusting to the heating or cooling requirements for each space, York VRF technology allows the system to run at reduced speeds, saving energy and money.

INDIVIDUALIZED CLIMATE CONTROL
With the modular design of York VRF systems and highly scalable control platforms, you can efficiently control a variety of climates, from a small, single office to high rise buildings and campus applications.

SIMULTANEOUS HEATING AND COOLING
The heat recovery system can heat and cool simultaneously. This allows the system to quickly and accurately cater to the way that most buildings perform throughout the day, requiring heating in one area and cooling in another.

SPACE SAVINGS
Because York VRF systems deliver comfort to the individual building zones with refrigerant through small pipes, they use about half of the ceiling space required for conventional HVAC unit ductwork, allowing greater architectural freedom.

FLEXIBILITY
The compact, light design is easily linked to your building management system (BMS) and can be combined with ductwork for retrofitting.

SCALABILITY
With the modular design of York VRF, systems can efficiently control climate in nearly any space from a small, single office to a high-rise building.

EASY INSTALLATION
Factory-built modular systems, space-saving refrigerant piping, and compact outdoor units make transportation, configuration and installation easy.

QUIET OPERATION
Indoor units are virtually noise free and outdoor units are quieter than most residential systems.

LONGER LIFE AT LOWER COSTS
The long-term reliability of the York VRF system compressor units running at partial load (and shared load in multiple-unit installations) and the energy saved over time result in significantly lower life-cycle costs.

LEED CERTIFICATION
Achieve Leadership in Energy & Environmental Design (LEED®) certification with efficiencies gained by the installation of York VRF systems, which provide the opportunity to gain LEED points in more categories than other HVAC systems.

EXPERT SUPPORT

Your confidence from our network.

The York VRF system has been perfected for your building needs. And our team will be there to help you plan, install and maintain it, offering expertise, training and technical support every step of the way.

You'll receive support from a network of 130 Johnson Controls branch offices staffed with VRF engineers and technicians to ensure you have the answers you need to be confident in recommending, designing and installing VRF.

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AHRI Standard 1230

YORK® VARIABLE REFRIGERANT FLOW

The new standard in comfort for your building and your business.

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